

Fig. 1

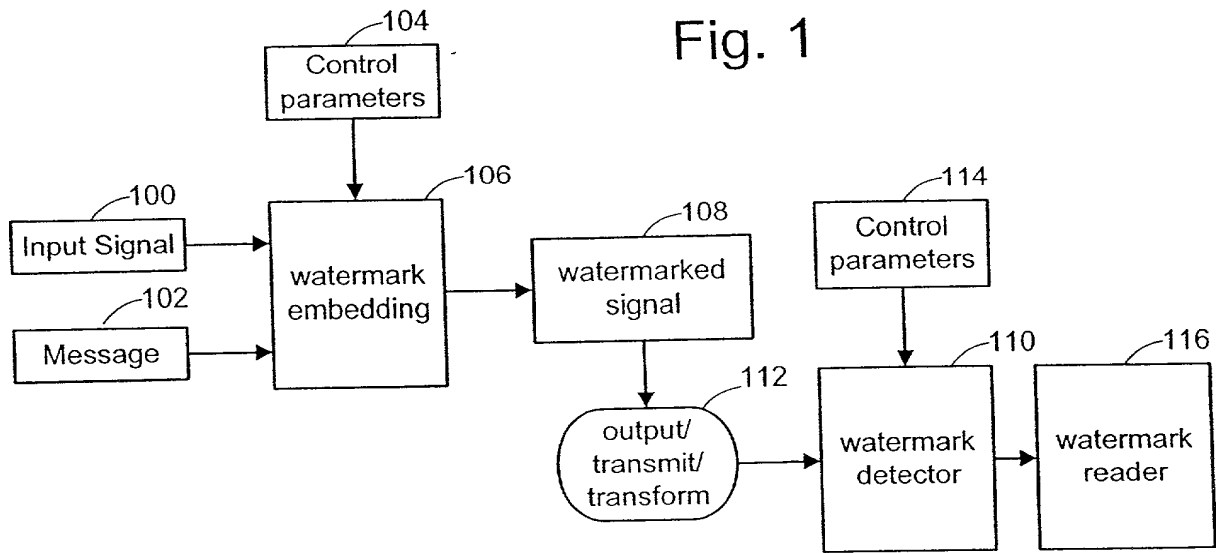
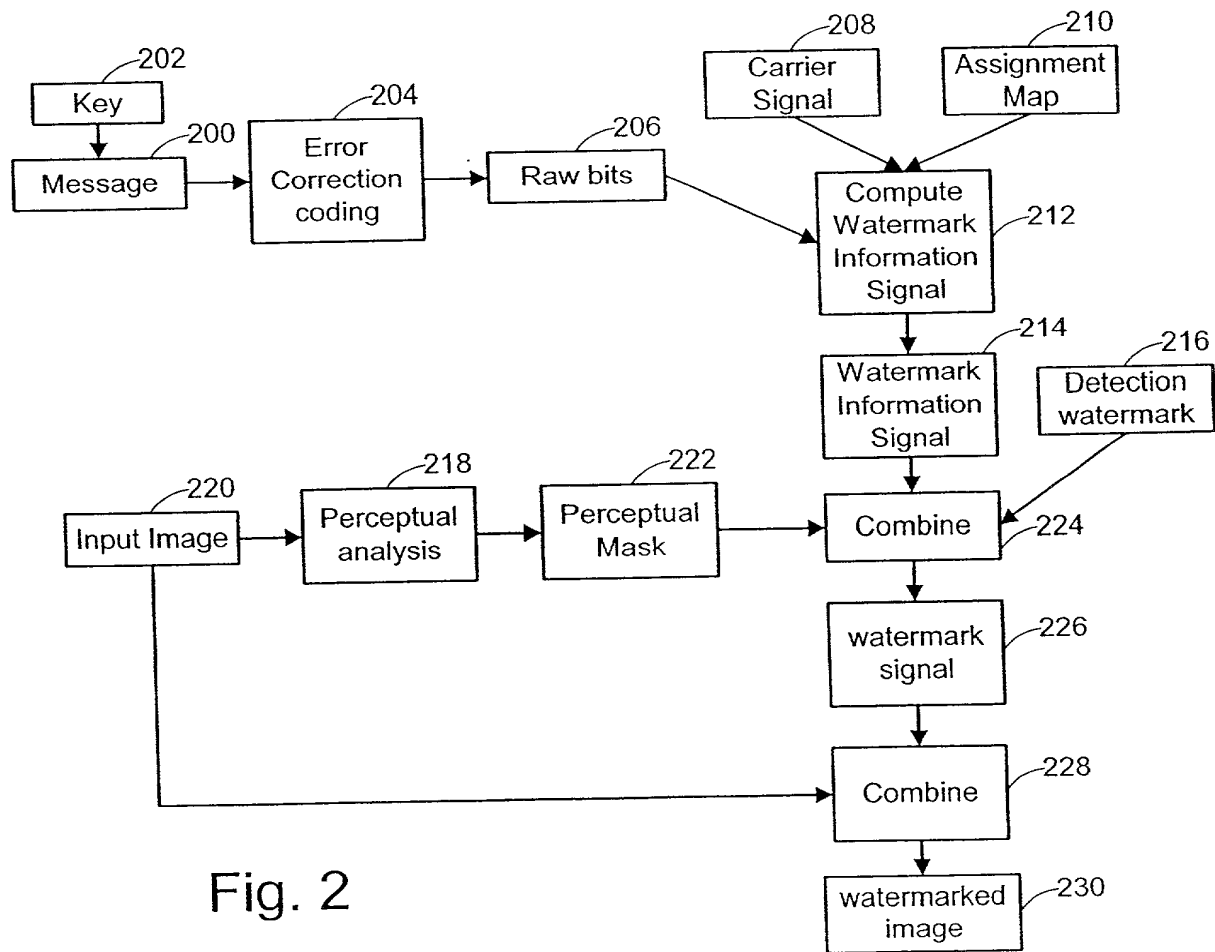


Fig. 2



One Quadrant Spatial
Transform Domain

Fig. 3

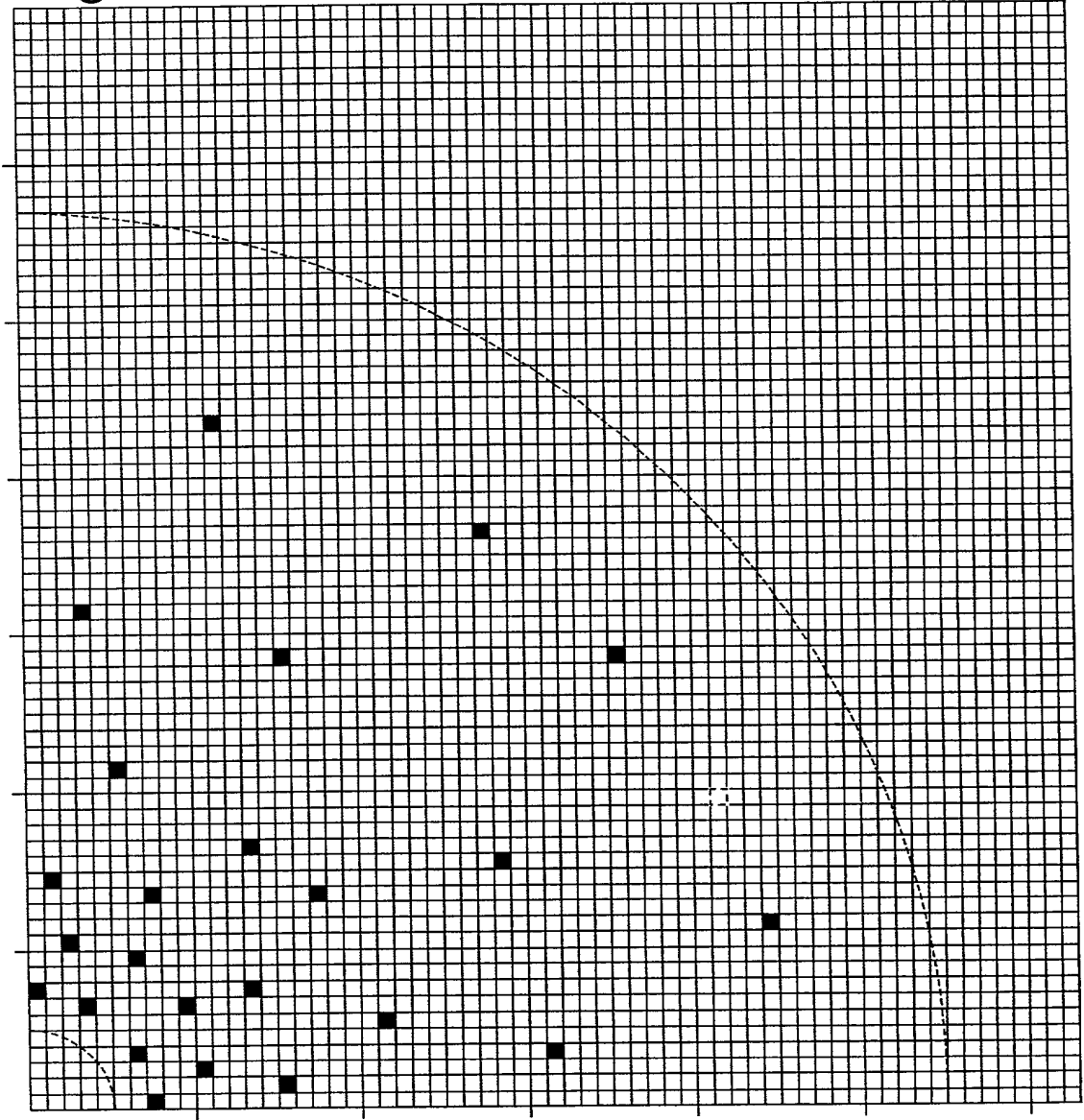


Figure 3: One Quadrant Spatial Transform Domain. The plot shows a set of data points (black squares) and a curved boundary line (dashed line) on a grid. The curve starts at approximately (0, 10) and ends at approximately (10, 0). The points are scattered within the region bounded by the curve.

Fig. 4

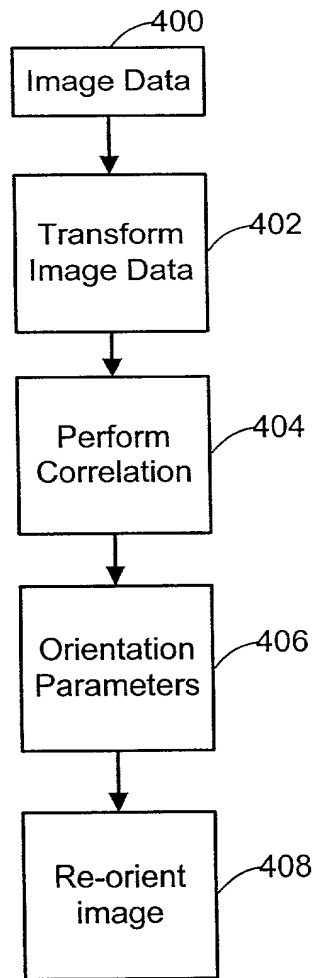
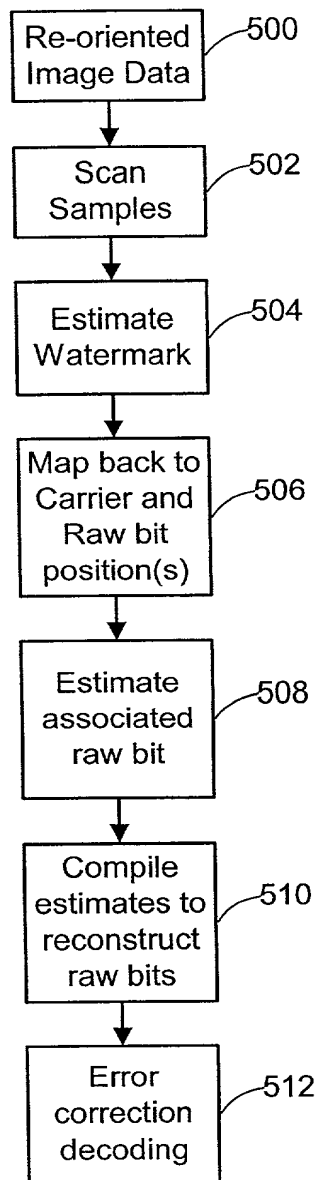


Fig. 5



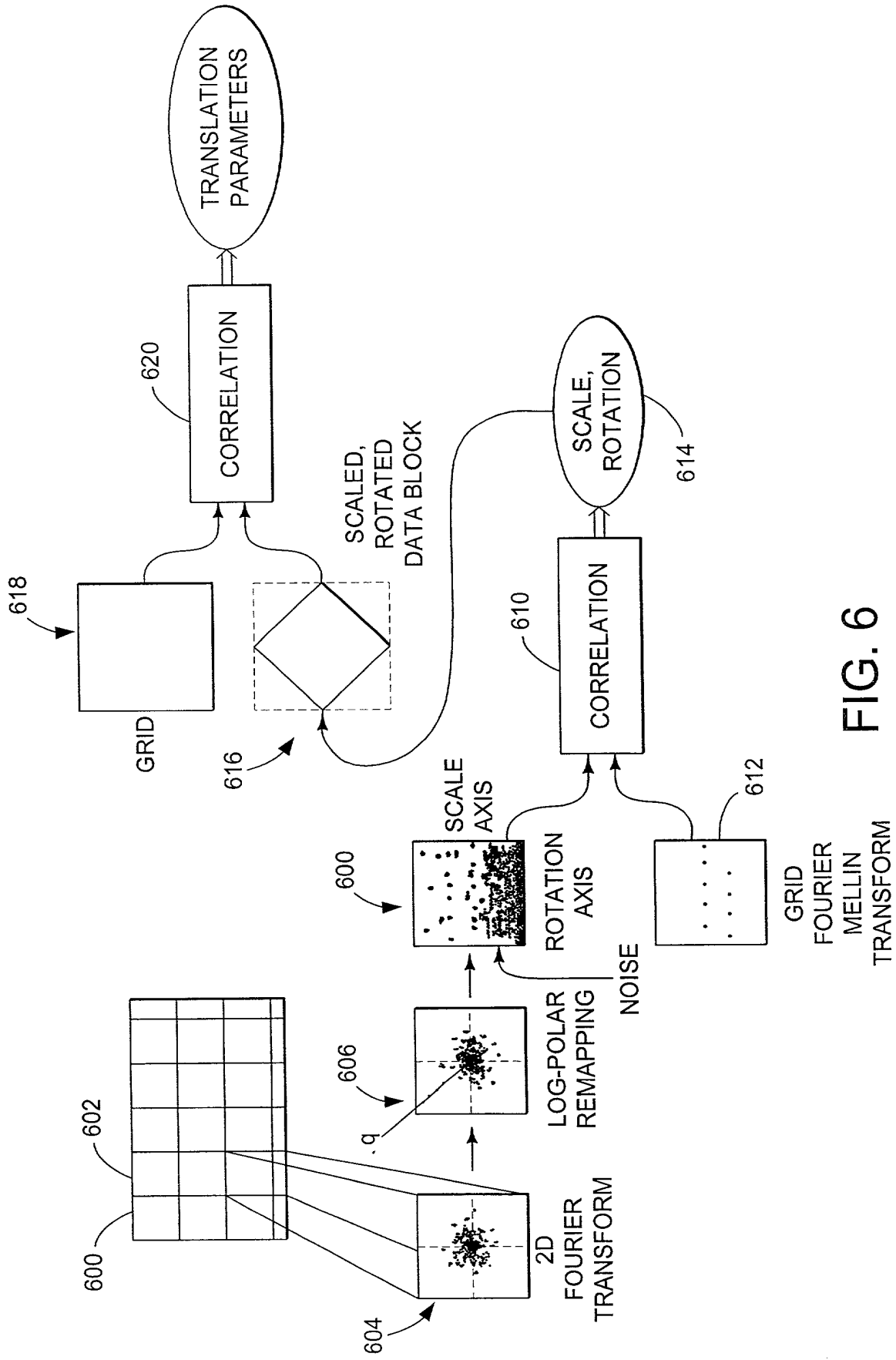
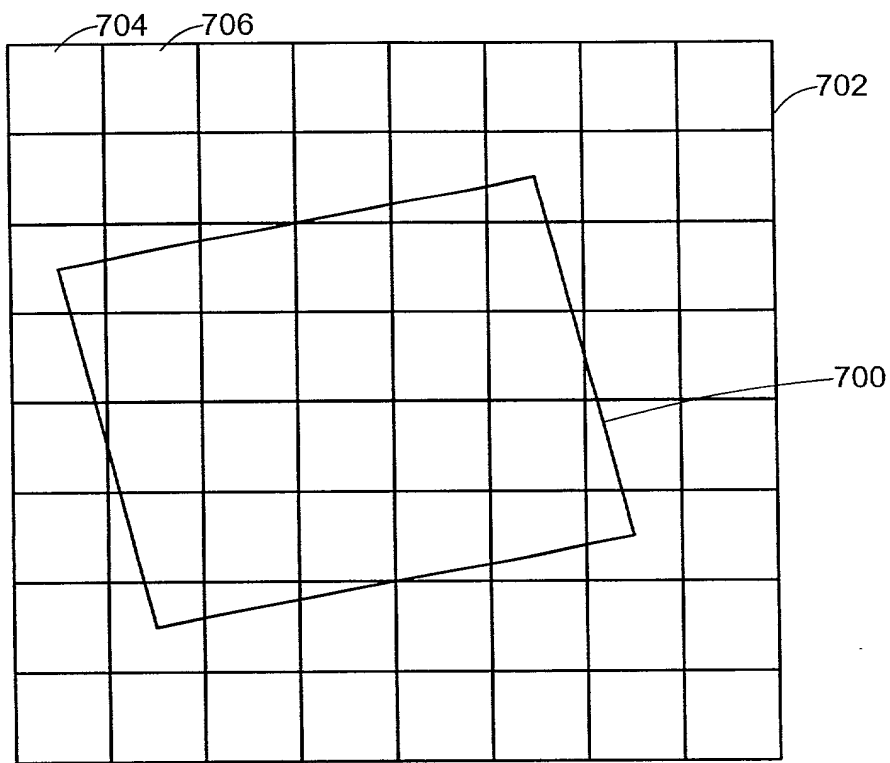


FIG. 6

Fig. 7



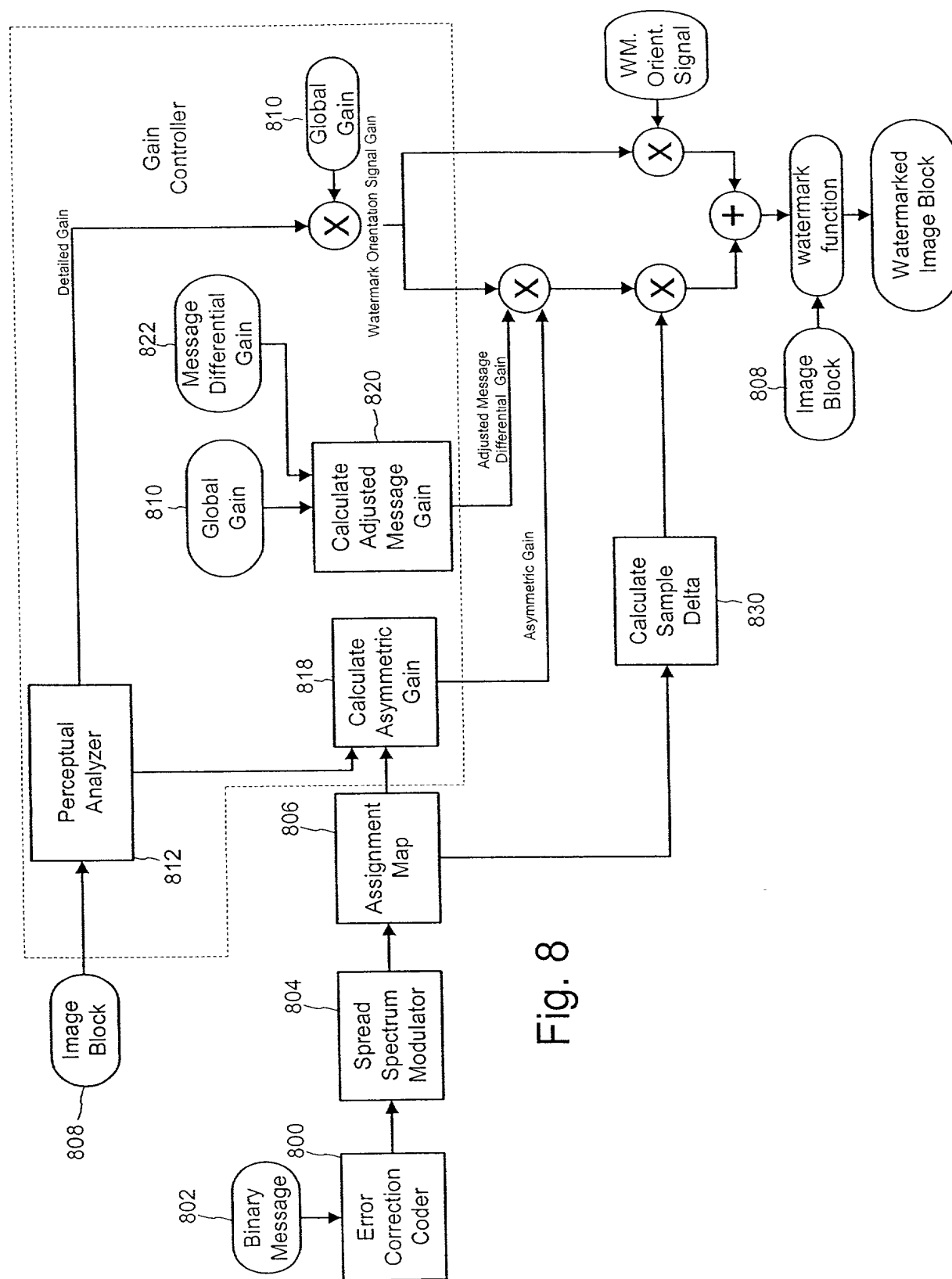
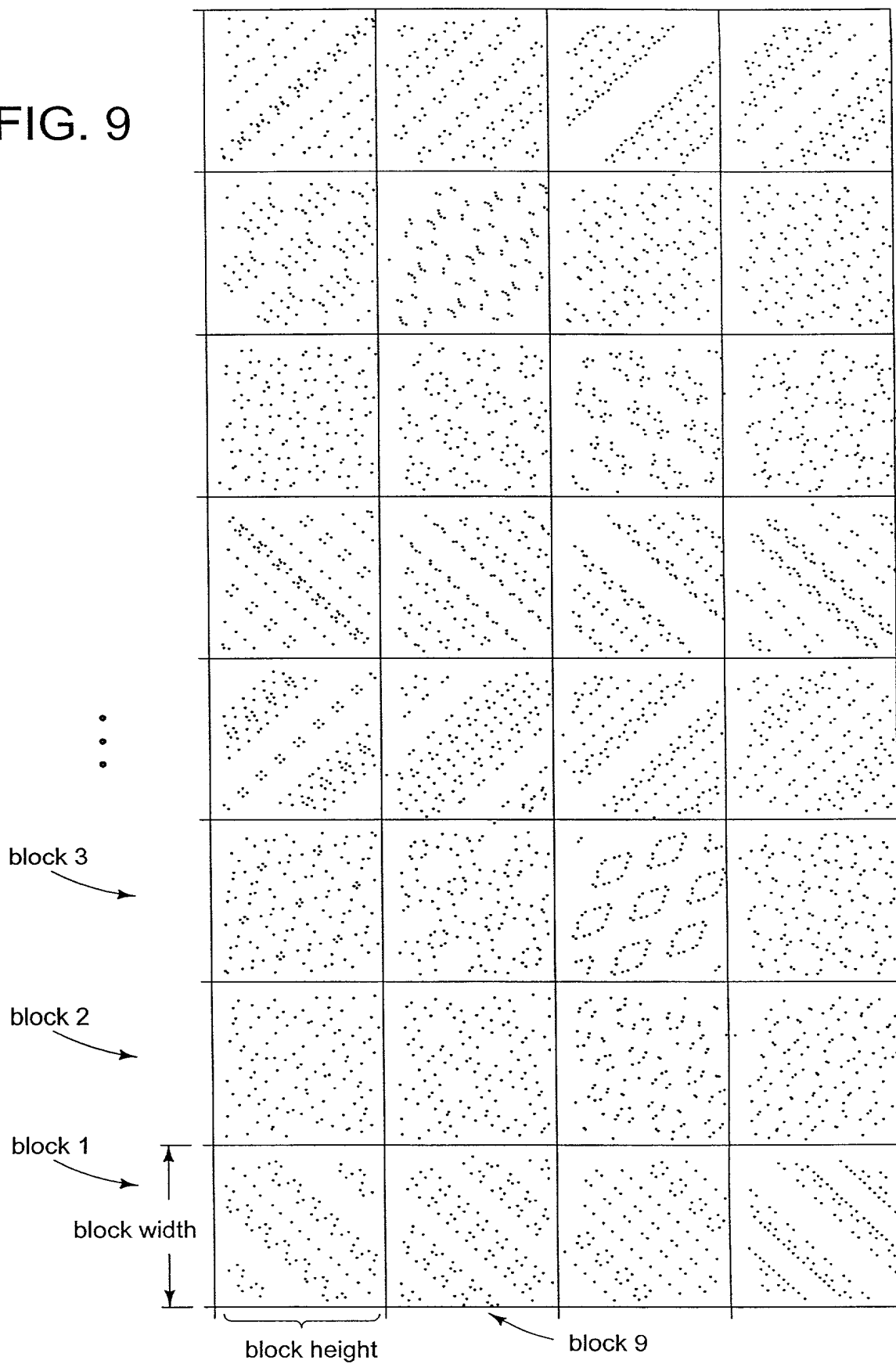


FIG. 9



MAGNITUDE OF WATERMARK ORIENTATION SIGNAL
IN FREQUENCY DOMAIN

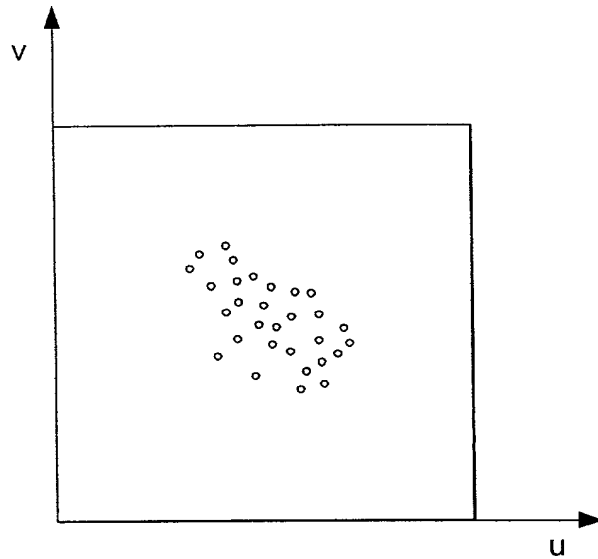


FIG. 10

REAL VALUE OF WATERMARK ORIENTATION SIGNAL
IN SPATIAL DOMAIN

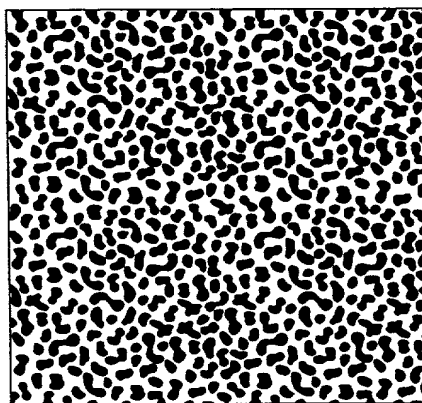


FIG. 11

Fig. 12

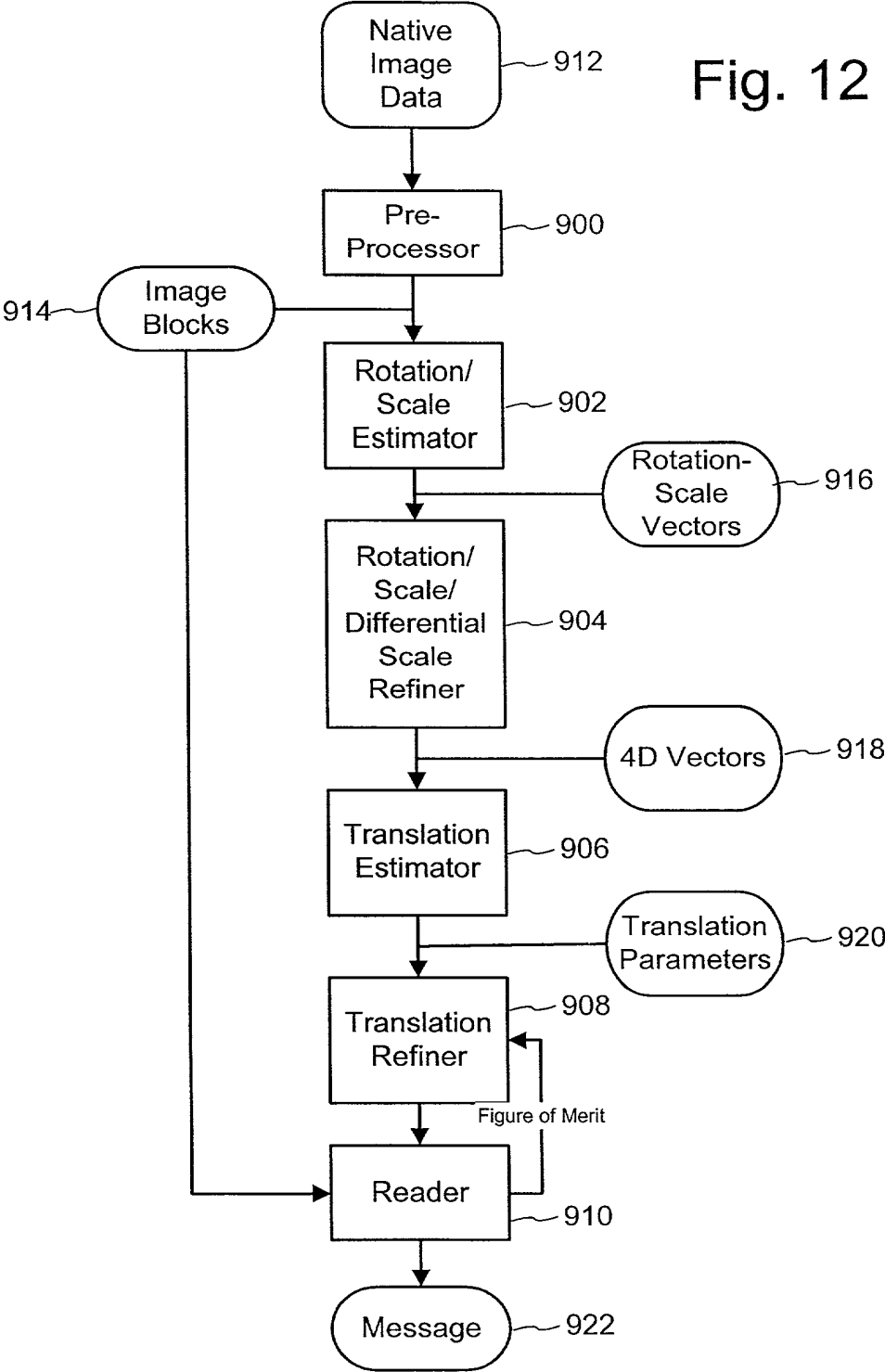


Fig. 13

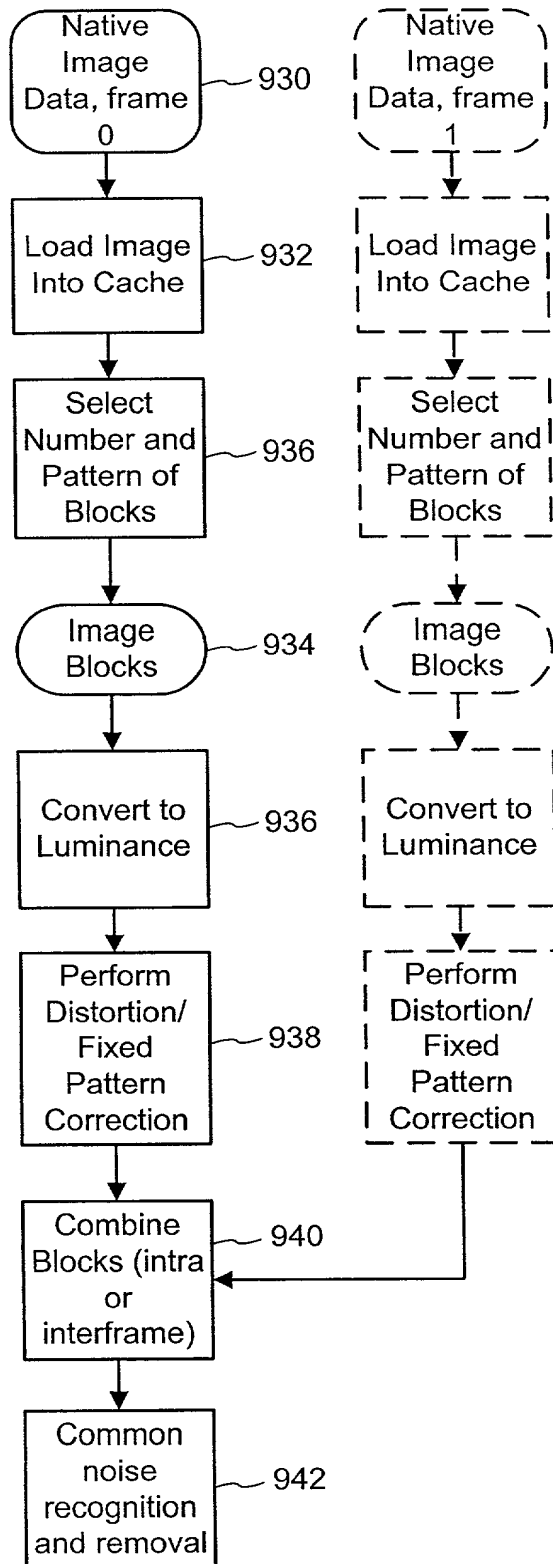
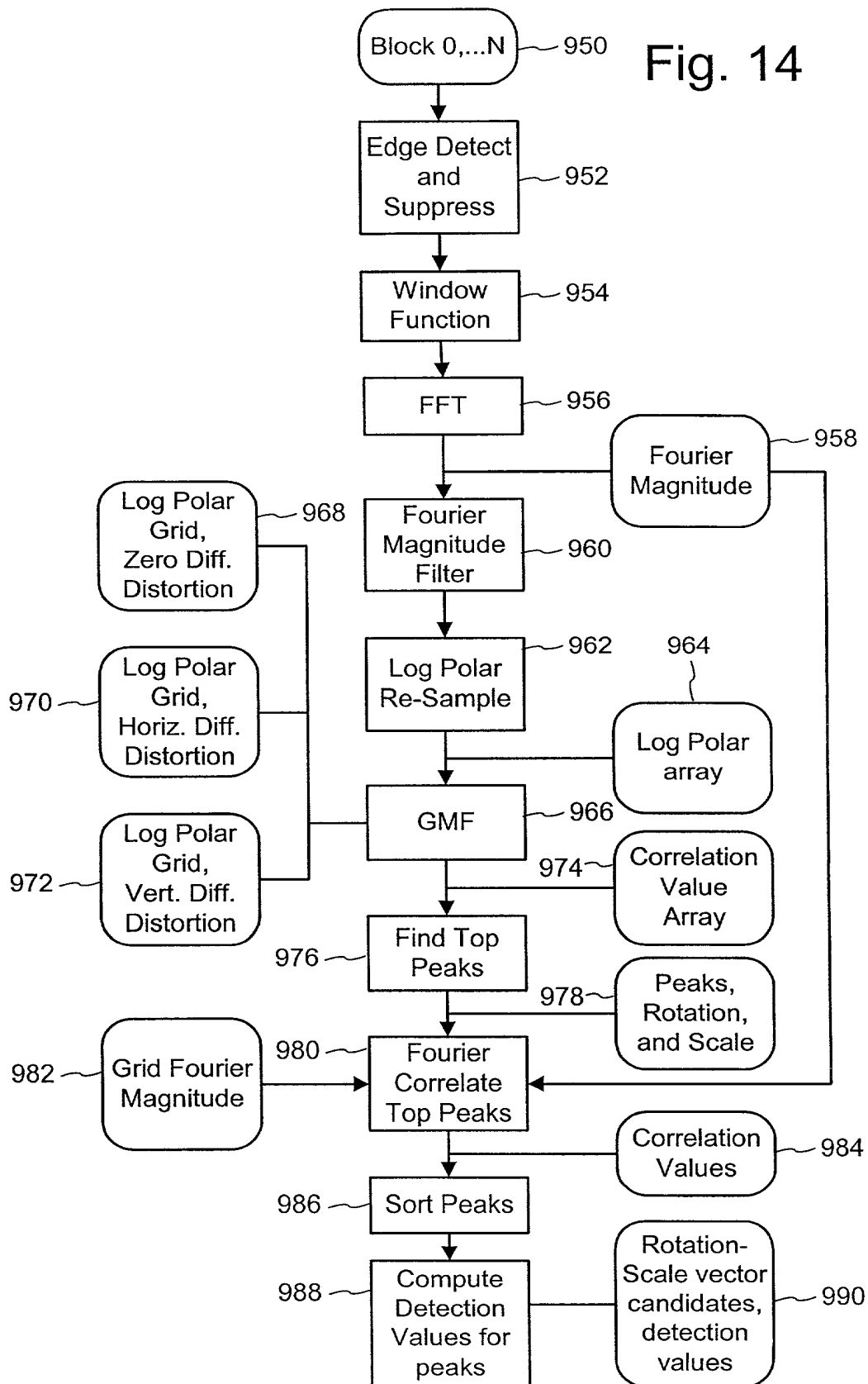


Fig. 14



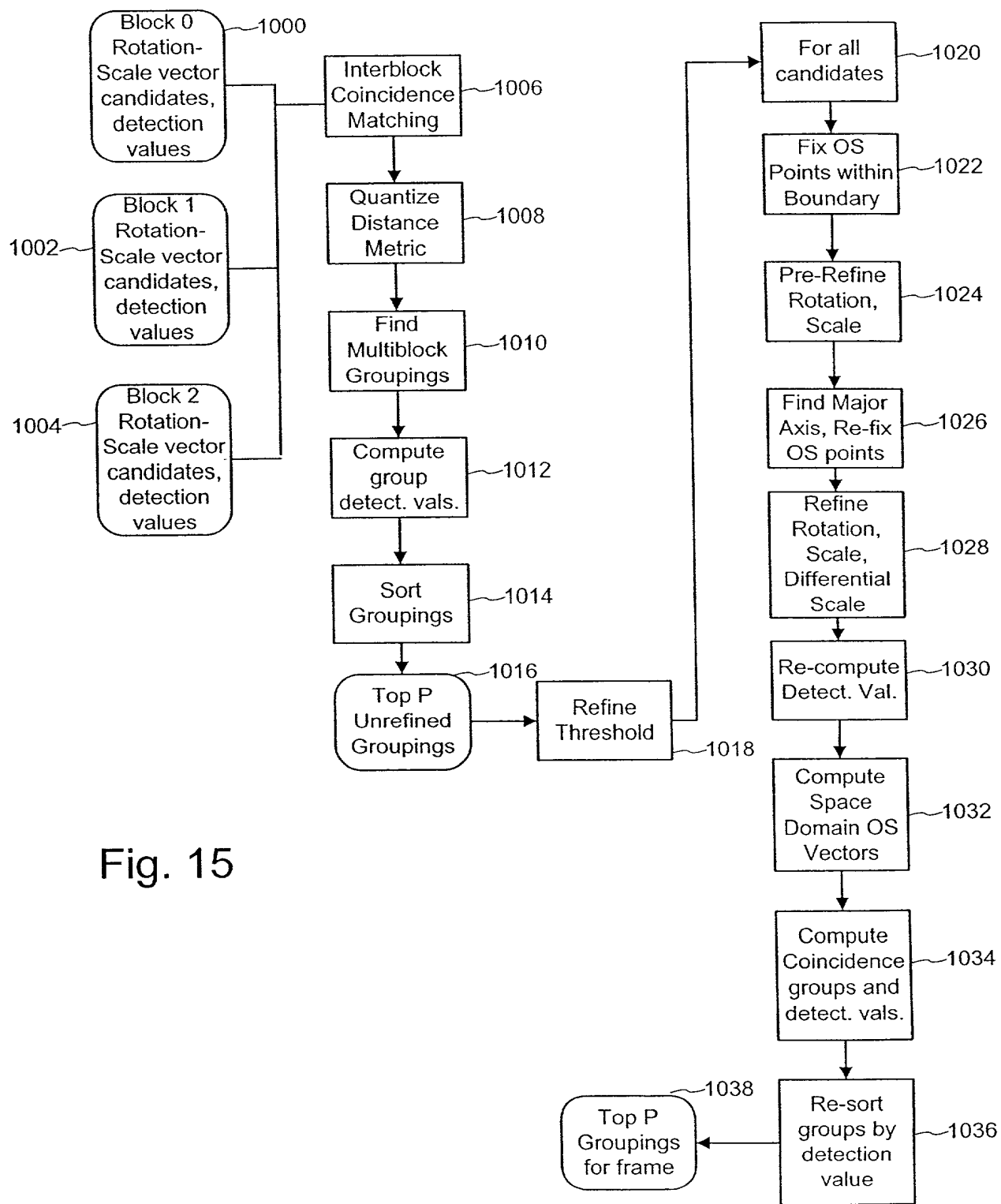
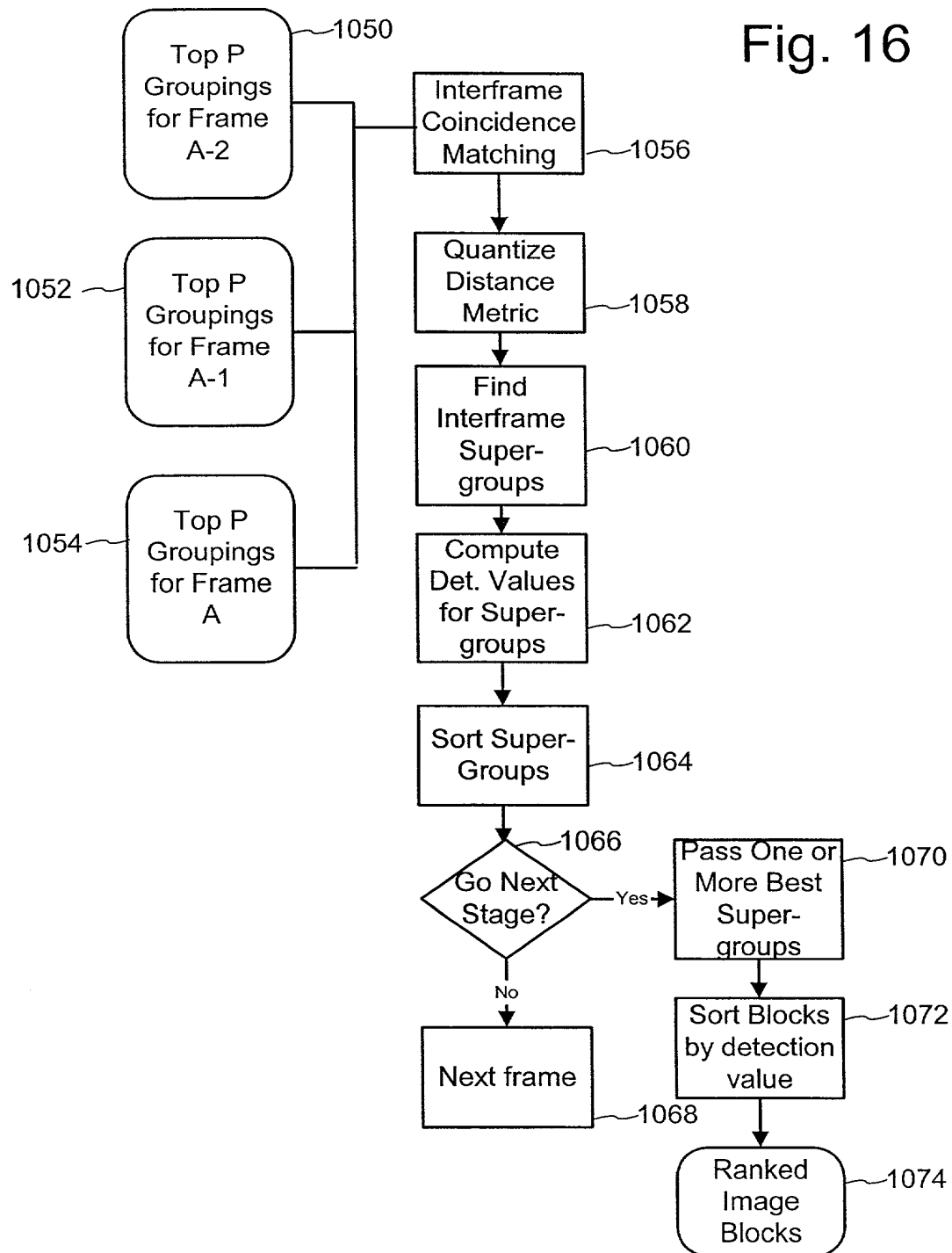
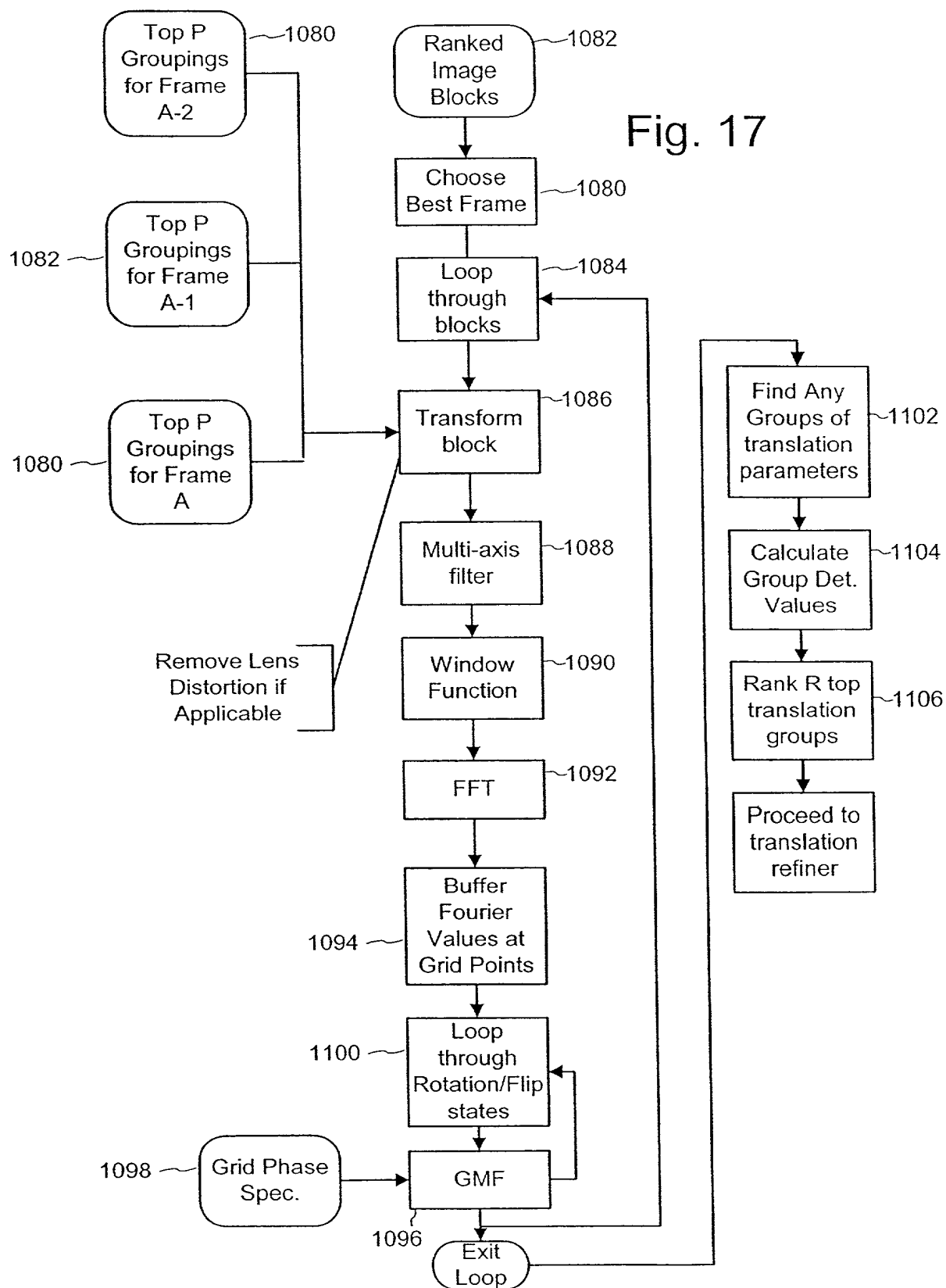


Fig. 15

Fig. 16





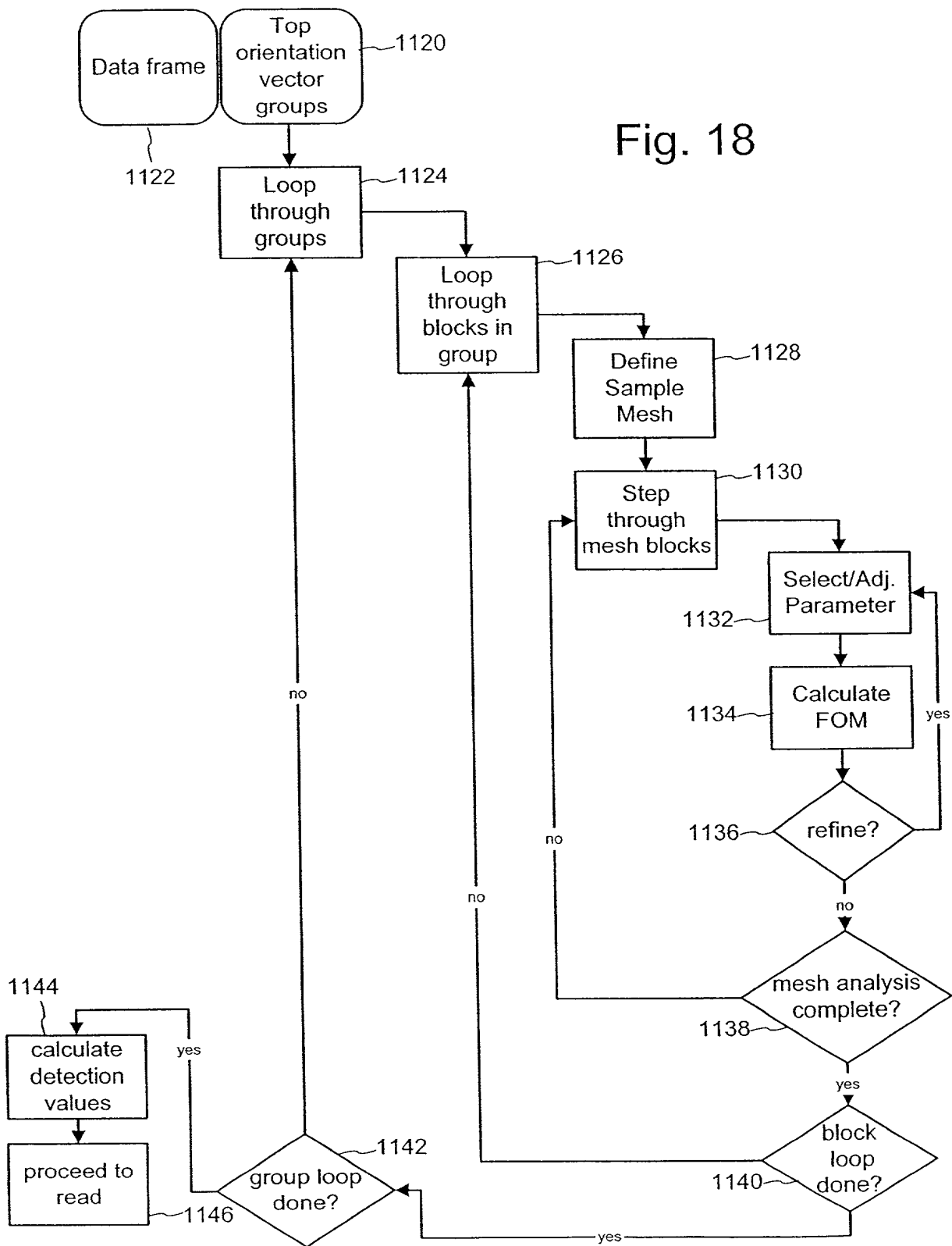


Fig. 19

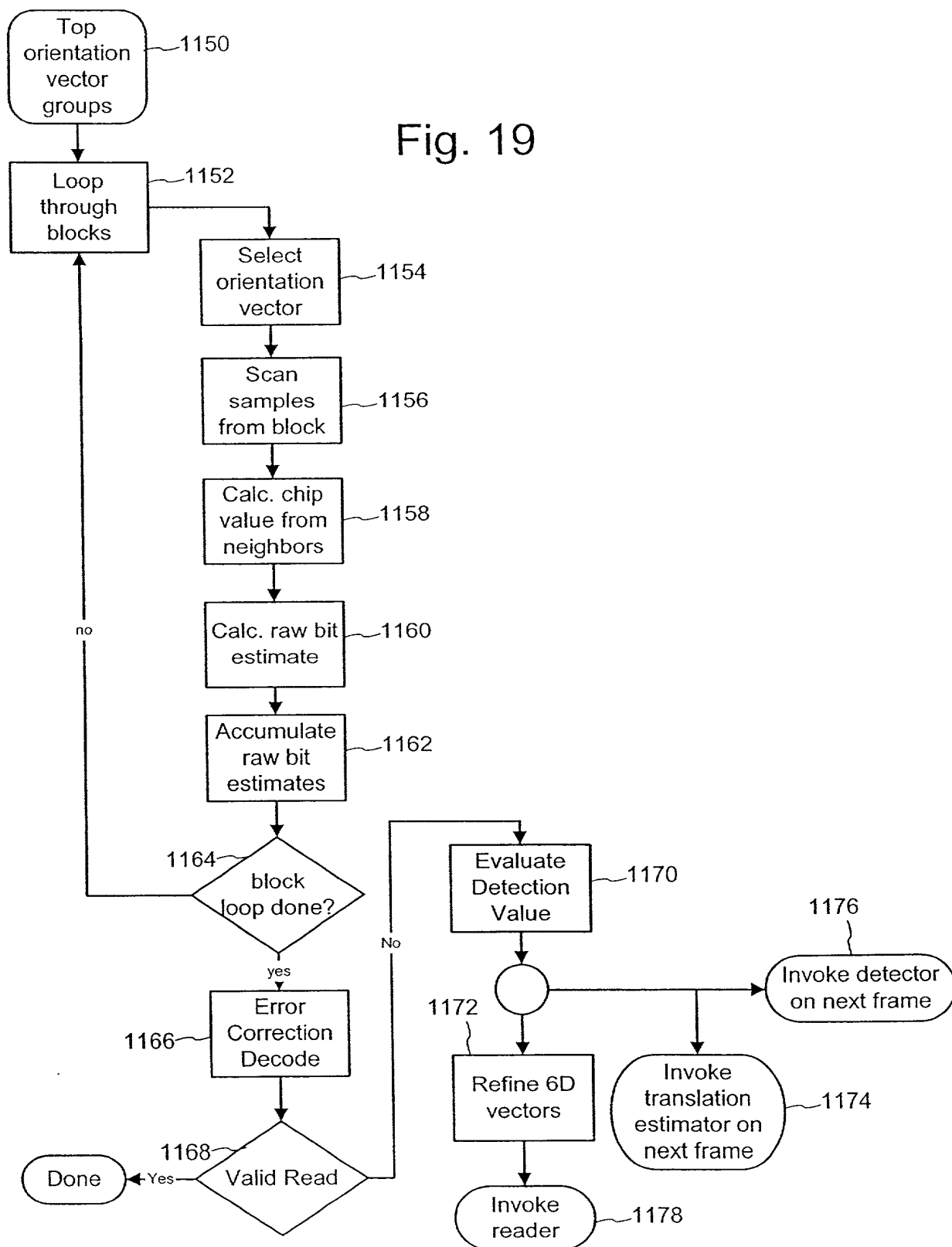
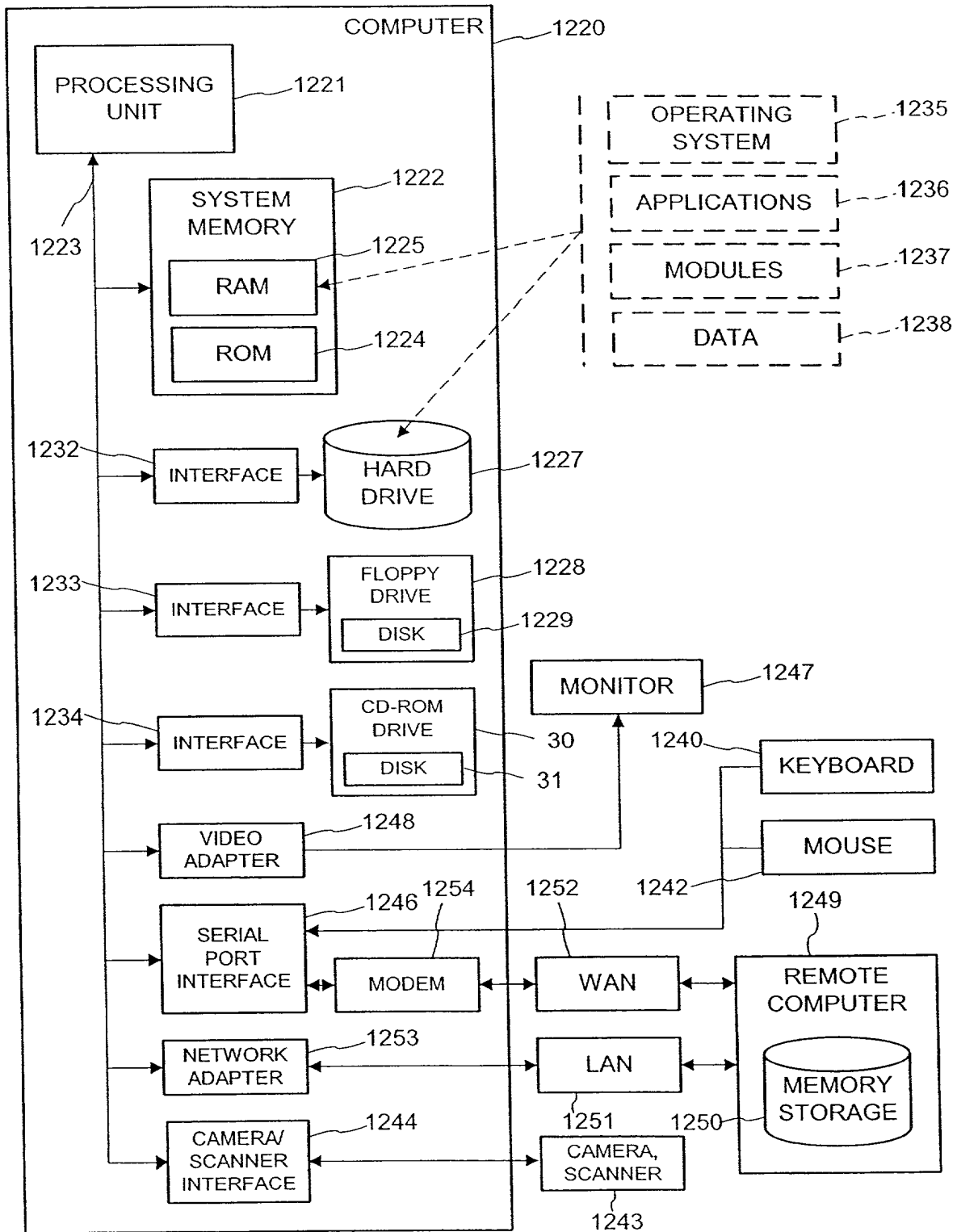


FIG. 20



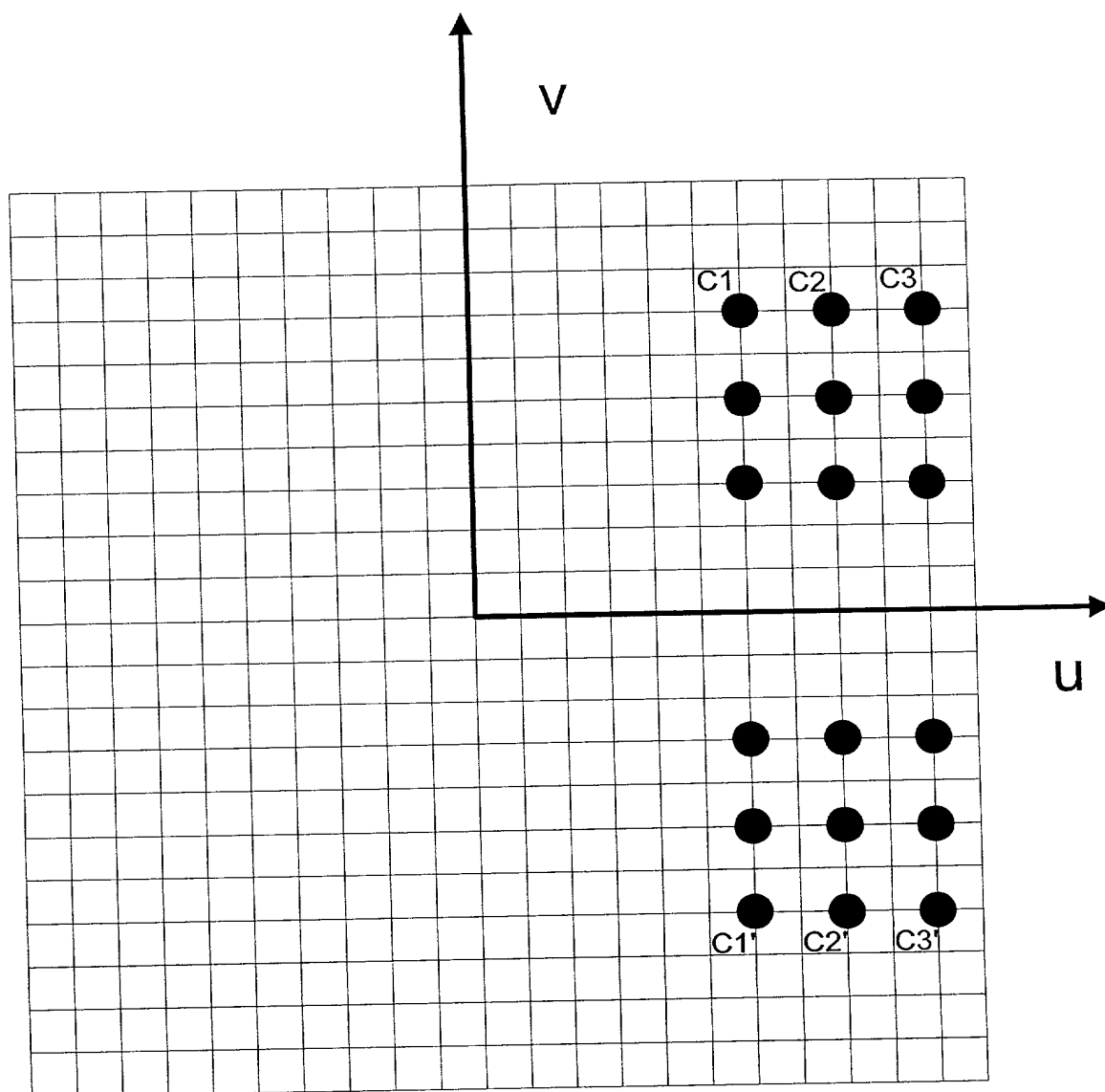


Fig. 21